



INSTALLATION INSTRUCTIONS

Bearing Cone and Cup Replacement

1. Remove wheel from hub, remove dust cap, cotter pin, spindle nut, and washer. Next, remove hub from spindle.
2. Pry the seal out of the hub with a seal removal tool or screwdriver. Never drive the seal out with the inner bearing as you may damage the bearing.
3. Place the hub on a flat work surface with the cup to be replaced on the bottom side.
4. Using a brass drift punch, carefully tap around the small diameter end of the cup to drive out.
5. Repeat to remove the outer bearing cup from opposite side of the hub.
6. After cleaning the hub bore area, replace the cup by tapping in with the brass drift punch. Be sure the cup is seated all the way up against the retaining shoulder in the hub.
7. Pre-grease bearing cones and fill hub cavity $\frac{1}{3}$ - $\frac{1}{2}$ full with grease.
8. Install inner bearing cone and rear seal. Install new seal squarely into back of hub. Use a clean block of wood to push seal in and flush with rear of hub. Assemble the greased outer bearing cone onto spindle and push into bearing cup. Reassemble the spindle washer and spindle nut.
9. Tighten spindle nut with wrench, 12 inches long, at the same time turn the wheel in both directions until there is a slight resistance to be sure that all bearings surfaces are in contact.
10. Back off spindle nut $\frac{1}{6}$ to $\frac{1}{4}$ turn to the nearest locking hole. Hub should turn smoothly with no end play or wobble.
11. Install cotter pin in locking hole and spread key. Install dust cap filled with grease onto the hub.